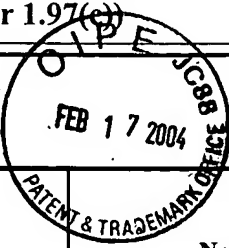


TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
1950A1

In Re Application Of: Anil Kumar; Peter C. Foller



Serial No.
10/757,267

Filing Date
01/14/2004

Examiner
Not Assigned

Group Art Unit

Title: **POLARIZING DEVICES AND METHODS OF MAKING THE SAME**

Address to:
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37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

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FEB 17 2004

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POLARIZING DEVICES AND METHODS OF MAKING THE SAME

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
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Frank P. Mallak
Signature

Dated: February 9, 2004

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Pittsburgh, PA 15272

CC:



PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/757,267
				Filing Date	January 14, 2004
				First Named Inventor	Kumar et al.
				Art Unit	
				Examiner Name	Not Assigned
Sheet	1	of	4	Attorney Docket Number	1905A1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		3,361,706	01-02-1968	Meriwether et al.	
		4,166,043	08-28-1979	Uhlmann et al.	
		4,367,170	01-04-1983	Uhlmann et al.	
		4,279,474	07-21-1981	Belgorod	
		4,556,605	12-03-1985	Mogami et al.	
		4,756,973	07-12-1988	Sakagami et al.	
		4,873,026	10-10-1989	Behre et al.	
		4,873,029	10-10-1989	Blum	
		4,931,220	06-05-1990	Haynes et al.	
		5,130,353	07-14-1992	Fischer et al.	
		5,185,390	02-09-1993	Fischer et al.	
		5,389,698	2-14-1995	Chigrinov et al.	
		5,602,661	2-11-1997	Schadt et al.	
		5,645,767	07-08-1997	Van Gemert	
		5,658,501	08-19-1997	Kumar et al.	
		5,698,141	12-16-1997	Kumar	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 89/11674	11-30-1989	Plessey Overseas Limited		
		WO 00/77559	12-21-2000	PPG Industries, Inc.		
		WO 01/02449	01-11-2001	PPG Industries, Inc.		
		WO 01/55960	8-2-2001	Rolic AG		
		WO 02/29489	4-11-2002	Alphamicon, Inc.		
		WO 02/058921	8-1-2002	Alcat, Incorporated		
		WO 03/019270	3-6-2003	Kim, Su-Jin		
		EP 1 203 967 A1	5-8-2002	Rolic AG		

Examiner Signature		Date Considered	
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				Application Number	10/757,267
				Filing Date	January 14, 2004
				First Named Inventor	Kumar et al.
				Art Unit	
				Examiner Name	Not Assigned
				Attorney Docket Number	1905A1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		5,723,072	03-03-1998	Kumar	
		5,746,949	5-5-1998	Shen et al.	
		5,962,617	10-05-1999	Slagel	
		6,022,497	02-08-2000	Kumar	
		6,025,026	02-15-2000	Smith et al.	
		6,060,001	05-09-2000	Welch et al.	
		6,113,814	09-05-2000	Gemert et al.	
		6,150,430	11-21-2000	Walters et al.	
		6,153,126	11-28-2000	Kumar	
		6,187,444	02-13-2001	Bowles, III et al.	
		6,239,778	5-29-2001	Palfy-Muhoray et al.	
		6,245,399	6-12-2001	Sahouani et al.	
		6,268,055	07-31-2001	Walters et al.	
		6,338,808	1-15-2002	Kawata et al.	
		6,432,544	08-13-2002	Stewart et al.	
		6,433,043	08-13-2002	Misura et al.	

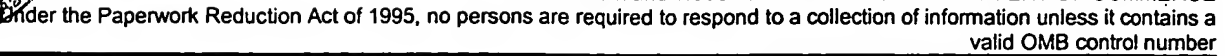
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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		Application Number	10/757267		
		Filing Date	January 14, 2004		
		First Named Inventor	Kumar et al.		
		Art Unit			
		Examiner Name	Not Assigned		
Sheet	4	of	4	Attorney Docket Number	1905A1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		THOMAS BACHELS, et al., "Novel Photo-Aligned LC-Polymer Wide-View Film for TN Displays", <u>Eurodisplay</u> , (2002), pgs. 183-186.	
		HUBERT SEIBERLE, CARSTEN BENECKE and THOMAS BACHELS, "Invited Paper: Photo-Aligned Anisotropic Optical Thin Films," <u>SID 03 Digest</u> , SID (2003), pgs. 1162 - 1165.	

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